

Title (en)
GEAR DEVICE

Title (de)
GETRIEBEVORRICHTUNG

Title (fr)
DISPOSITIF D'ENGRENAGES

Publication
EP 0733174 B1 19990324 (EN)

Application
EP 94905277 A 19931206

Priority
SE 9301052 W 19931206

Abstract (en)
[origin: WO9516151A1] The present invention refers to a gear device comprising a first crown wheel (2a) and a first pinion (10) meshing therewith as well as a second crown wheel (2b) opposed to and coaxial with said first crown wheel (2a) and a second pinion (11) meshing directly with said second crown wheel (2b). In order to provide for an improved driving situation of the crown wheels and the pinions of said device the invention suggests that a second pinion (11) is arranged in parallel with the first pinion (10) and adapted to mesh therethrough with the first crown wheel (2a), said pair of crown wheels (2a, 2b) rotating in the same direction and tooth play therebetween, if any, being eliminated by a common play-accommodating suspension (12) thereof.

IPC 1-7
F16H 1/22; **B60K 7/00**

IPC 8 full level
F16H 1/20 (2006.01); **B60K 7/00** (2006.01); **F16H 1/22** (2006.01)

CPC (source: EP)
B60K 7/0015 (2013.01); **F16H 1/222** (2013.01); **B60K 17/043** (2013.01); **B60K 2007/0061** (2013.01); **B60L 2220/46** (2013.01)

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
WO 9516151 A1 19950615; DE 69324172 D1 19990429; DE 69324172 T2 19990902; EP 0733174 A1 19960925; EP 0733174 B1 19990324; JP H09510767 A 19971028

DOCDB simple family (application)
SE 9301052 W 19931206; DE 69324172 T 19931206; EP 94905277 A 19931206; JP 51612995 A 19931206